

Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 10

OAK RIDGE, TENNESSEE

Tuesday, March 15, 1949

Y-12 AGAIN FIRST FOR RED CROSS



Y-12 Photos By Vince Moore
AT TOP IS THE NEW sticker for Y-12 employees' automobiles to gain admittance to the Atomic Energy Commission controlled area after March 19. At bottom Y-12 Asst. Guard Chief W. O. Watson is shown demonstrating the proper location for the sticker—at the left of the upper right side of the windshield—but on the inside of the glass, of course.

Y-12ers To Offer Three Papers At Symposium

Three scientific papers written by Y-12 men will be presented at sessions of the Spectroscopy Symposium to be held in the plant March 24-25 under sponsorship of Carbide and Carbon Chemicals Corporation. All three Carbide installations in Oak Ridge will participate in the symposium, which will be climaxed with an address by Dr. Robert F. Bacher, member of the Atomic Energy Commission.

Several nationally-known scientists will attend the symposium, which is the first meeting of its kind to be held in Oak Ridge. All sessions will be held in the Y-12 cafeteria with the exception of the address by Dr. Bacher, which will be delivered at 8:30 p.m., Friday March 25, in the auditorium of the Jefferson Junior High School.

Three Papers Are Scheduled
At the first session of the Spectroscopy Symposium scheduled for 9:45 a.m. Thursday, March 24, the first of the three papers by Y-12 scientists will be presented. It is entitled "Sample Excitation For Special Investigation" and has been prepared by Sam Adams, D.D. Smith and L.E. Burkhart. The second session, set for 1:30 p.m. the same day will hear the second paper, prepared by G. L. Stukenbroeker, D.D. Smith, Dr. J.R. McNally, Jr., and L. E. Burkhart, entitled "Isotope Displacements and Assay of Uranium Isotopes." At the third session to be held at 9 a.m. (Continued On Page 2)

Controlled Area Auto Stickers Are Distributed

Distribution of windshield stickers and cards for identification of automobiles used by Y-12 employees entering the new Atomic Energy Commission controlled area after March 19 is expected to be completed early this week to all persons needing them. Any employee who has not yet returned the identification card to his Supervisor is urged to do so immediately. Early Return of Cards Urged

Those employees requesting passes for family members to drive them to and from work and who have not yet turned in the cards and blank pass for the family member also are urged to do this as soon as possible so that issuance of the pass at the Badge and Pass Office may be expedited. Early return of the family member cards and pass will mean that the pass will be issued just that much sooner.

Any Y-12 employee wishing to drive his own automobile through the new entrances to the AEC controlled area after March 19 who has not applied for the sticker or family member pass is urged to obtain, fill out and return the necessary cards at once.

Cards Issued In Duplicate

The employee's identification cards are filled in duplicate and contain the sticker number, automobile license number, name and address of the employee, make of automobile and plant or organization where employed. These cards are signed by the applicant. The family member cards also are issued in duplicate, a change in original plan, and applicants give name, address, weight, height, color of hair and eyes, where head of family is employed and the number of the automobile sticker. The family member signs the pass that will provide the same information and the pass is returned to the Badge and Pass Office along with the cards. The pass is laminated and returned to the applicant.

The employees receiving a sticker agree that as a condition of the issuance of the employee car identification seal that they will endeavor to assure themselves that all passengers in the vehicle while operated within the Oak Ridge controlled area will bear identification entitling them to enter the area and will not knowingly carry any unauthorized person into the area nor allow any family member driver to do so.

Minimum Of Delay Is Aim

The new AEC regulations for entrance into the controlled area are designed to provide adequate security. (Continued On Page 2)

Institute Plans Summer Courses

The Oak Ridge Institute of Nuclear Studies again will present three courses in techniques of using radioisotopes during the summer. The courses will last for four weeks and begin June 6, July 11 and August 8. Each course will accommodate 32 participants.

In addition to the basic courses plans are being made for two secondary courses in the field. These classes would be of two-week duration and open to research workers who have completed the basic course or its equivalent in actual radioisotope work.



Y-12 Photos By Vince Moore
HERE IS THE Y-12 PLANT COMMITTEE THAT COORDINATED the Red Cross drive. At left Nelson Tibbatts is handing a report to Mrs. Fern Cunningham across the table. Standing, left to right, are H. O. Ramey, chairman of the group; Howard Harmon and L. E. Parsons. Seated are Pat Hamrick, Bruce Whitaker and K. S. Lyle. W. S. Herron, member of the committee representing the Chemical Division, was unable to be present when the picture was made.

Y-12 Employees And Corporation Active In Gates Opening Plans

The largest gathering of prominent personages and most elaborate celebration program in the history of Oak Ridge will be seen Saturday when the long-heralded creation of the community as an "open city" will become a reality.

Several Y-12 employees have been active as members of numerous committees making arrangements for the celebration. Among them are Leo Hemphill, on the special guests committee; Paul Pennington on the parade committee and one of the parade marshals, G. C. Henderson on the transportation and safety committee and R. C. Watson on the meeting sites committee.

Oak Ridge Opening Gates Celebration

FRIDAY, MARCH 18

7:30 p.m. to midnight--Cocktail party for committeemen and wives at Oak Terrace Starlight Room.

SATURDAY, MARCH 19

8:30 a.m., --Official opening of gates. Ceremony at Elza Gate with City Manager Fred Ford principal speaker. Music by Oak Ridge High School band. Will be broadcast.

11 a.m.--Parade.

1 p.m. to 2 p.m.--Luncheon for honored guests at Oak Terrace.

2:30 p.m. to 4 p.m.--Official dedication ceremonies at Blankenship Field. Talks by Vice President Alben W. Barkley, Atomic Energy Commission Chairman David E. Lillenthal and Perry Brown, National Commander of the American Legion.

4 p.m. to 5 p.m.--Fashion show at high school auditorium.

6:30 p.m. to 7:30 p.m.--Reception for honored guests at Oak Terrace.

7:30 p.m. to 9 p.m.--Banquet at Oak Terrace.

9 p.m. to 10 p.m.--Broadcast over WATO and other Tennessee radio stations of talks by U.S. Senator Brien McMahon and Gov. Gordon Browning.

10 p.m. to 2 a.m.--Dancing at Oak Terrace with floor show featuring appearance of moving picture performers.

Note: Limited number of tickets on sale to public for banquet and dancing.

SUNDAY, MARCH 20

Dedicated to church services and sight-seeing trips for guests and visitors.

Company Taking Active Part

In addition to individual committee members who are employees at the three Carbide and Carbide Chemicals Corporation plants in Oak Ridge the Company also is taking an active part in support of the celebration.

Among the distinguished guests who are expected to attend the celebration are Vice President Alben W. Barkley, David E. Lillenthal, chairman of the Atomic Energy Commission, Perry Brown, national commander of the American Legion, U. S. Sen. Brien McMahon, member of the Congressional committee on atomic energy; Gov. Gordon Browning and others. United States Sens. K. D. McKellar and Estes Kefauver of Tennessee are expected to attend as are other members of Congress.

Long Program Is Arranged

A day-long program has been arranged for Saturday that will keep the official visitors busy from early morning until late at night. The initial ceremonies will be held at Elza Gate when a ribbon will be burned to signify opening of the gates of the city.

The biggest parade ever staged in Oak Ridge is scheduled for 11 a.m. Around 20 bands, many marching organizations, floats and airplanes buzzing overhead will mark this affair.

Entertainment Is Planned

After a fashion show in the afternoon the day's festivities will be concluded with a reception, banquet, dancing and a floor show at Oak Terrace.

Radio Station WATO and other Tennessee radio stations will carry several parts of the program, particularly the addresses at the dedication ceremonies and a special one-hour broadcast Saturday night with talks by Governor Browning and Senator McMahon.

114 Per Cent Of Goal Raised By Employees

For the second straight year generous and prompt response to the 1949 appeal by the Oak Ridge Red Cross Chapter by Y-12 employees enabled the plant to be first under the wire at Red Cross headquarters with its entire quota—and more—raised. Accepting \$1,800 as the goal of the plant, contributions exceeding that sum were turned over to Red Cross campaign headquarters last Wednesday, less than seven working days after the campaign opened on March 1. Subsequent reports from Y-12 departments, immediately forwarded to the Red Cross, brought the total to \$2,063.25 by press time of The Y-12 Bulletin last week.

This figure represents 114 per cent of the quota assigned to the plant and is a tribute to the support offered the Red Cross by all Y-12 employees who contributed to the fund. The campaign result also upholds the Y-12 reputation of never having failed to freely give to any worthy appeal in Oak Ridge.

Every Department Topped Quota
Every single department in Y-12 met its cash quota for the campaign and many departments participated 100 per cent in the drive. No single department or group can be singled out for individual citation as being "fastest or with the mostest" because the reports and contributions began flowing in from all corners of the plant when the solicitation began.

Dr. C. E. Larson, Y-12 Superintendent, was especially pleased at the result of the campaign in Y-12.

Dr. Larson Is Gratified
"It is very gratifying to both myself and the Company that employees in Y-12 so generously and quickly responded to the appeal of the Oak Ridge Chapter of the American Red Cross. It shows again that at all times our people are interested in the problems of Oak Ridge and are ready to put their shoulders to the wheel whenever called on to do so," Dr. Larson said.

Cooperation between Supervision, every employee in the plant and the Red Cross campaign committee brought success in the drive, it is pointed out by H. O. Ramey, Superintendent of the Employment Department and chairman of the drive group. Other members of the committee who joined in making the campaign successful included Mrs. Fern Cunningham, Engineering; Howard Harmon, Refining; K. S. Lyles, Receiving Stores and Shipping; Bruce Whitaker, Manufacturing Offices; Pat Hamrick, Industrial Relations and Wage Standards; L. E. Parsons, Research and Development; W. S. Herron, Chemical; and Nelson Tibbatts, Maintenance.

HOME SERVICE VARIED

A monthly average of more than 14,100 paid and volunteer American Red Cross workers last year carried on the home service program in 3,746 chapters throughout the United States. This program provides counseling, emergency communications, assistance with application for government benefits, financial assistance under circumstances and other services to veterans, their dependents and civilians.

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GEORGE W. DOBBS . . . Editor

OFFICE
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Telephone 7-8252

Y-12ers To Present Papers At Symposium

(Continued From Page 1)

Friday, March 25, the final paper entitled "Spectrographic Analysis of Graphite Raw Materials for Boron and Vanadium," prepared by J.E. Patterson, H.D. Whitehead and R.K. Barnett, will be presented.

The Spectroscopy Symposium will be devoted to optical spectroscopy with a special session of invited papers on microwave spectroscopy to be presented at 4 p.m. Friday, March 25. This session will be under direction of the Group Physics Seminar and Dr. Walter Gordy, of Duke University, will be the principal speaker.

Invited Speakers Are Listed

Invited speakers to the Spectroscopy Symposium include W. F. Meggers, National Bureau of Standards; G. R. Harrison, Massachusetts Institute of Technology; and N. H. Nachtrieb, of the Argonne National Laboratory of the AEC. Chairmen of the three symposium sessions will be Dr. McNally, of Y-12; S.A. Goudsmit, Brookhaven National Laboratory of the AEC; and W. R. Brode, National Bureau of Standards.

Dr. S.C. Lind, of K-25, is general chairman of the committee in charge of the symposium. Y-12 members of the committee include Dr. C. E. Larson, Y-12 Superintendent; Dr. C. P. Keim, Dr. E.D. Shipley, Dr. McNally and Burkhart.

Burkhart is chairman of the arrangements committee of the symposium and has urged all Y-12 men intending to attend the principal social event of the session, a dinner at 6:30 p.m. Friday, March 25, to obtain tickets early. Tickets may be purchased from Burkhart, members of the general committee or members of the local spectroscopy group. Burkhart may be reached by telephone 7298 in Bldg. 9734.

Burkhart also points out that all persons attending the symposium sessions in Y-12 must obtain special badges to be issued for the purpose. This includes Y-12 employees. Full information on procedure for obtaining these badges may be obtained from Burkhart.



Miss Janet Harriet Horn



GOGGIN-HORN

Dr. and Mrs. Clarence Horn, of Reading, Penn., announce the engagement of their daughter, Miss Janet Harriet Horn, Dept. A12D, to John Melvin Goggin, Jr., Dept. M15P, son of Mr. John Melvin Goggin, of Oak Ridge and the late Mrs. Goggin. The wedding will take place on March 19 with the Rev. Mr. Porter officiating.

Miss Horn attended Albright College in Pennsylvania. Goggin attended Bates College in Lewiston, Me., and is now attending the Institute on Nuclear Studies here in Oak Ridge.

Opera Selections On Record Program

Excerpts from the opera "Boris Gudunov," as recorded by Alexander Kipnes with the RCA Victor chorus under Robert Shaw will feature the weekly program of the Oak Ridge Listening Group at 8 p.m., Thursday, March 17, in the East Lounge of the Ridge Recreation Hall. The program will be presented by Robert Gallagher.

The recorded program will open with the "Cortege" from the Sylvia Ballet by Leo Delebes. The second number will be the Rachmaninoff Rhapsody on a theme by Paganini. The first half of the program will be concluded with the Istar symphonic variations by d'Indy.

At the Friday night address by Dr. Bacher, the AEC member will be introduced by Dr. G.T. Felbeck, vice president of Carbide and Carbide and Carbon Chemicals Corporation. Clark Center, General Superintendent for Carbide installations in Oak Ridge; will be toastmaster at the dinner.



R. L. Hill, Dept. A16N, is the proud papa of a baby boy, Timothy Ray, weighing eight pounds and two ounces. The baby's mother, Virginia Hill, is a former Y-12er. . . Glen Wright returned recently after vacationing at his home in Somerset, Ky. . . Homer Greaser is on the vacation list. . . Floyd Ludwig has acquired a '49 Studebaker. We wish him happy motoring.

Sarah Brown, Dept. A19N, accompanied by her mother, spent a recent week end visiting with relatives in Harriman.

Dept. A13W extends a speedy recovery wish to W. R. Coleman, who is on the sick list.

Master Ronald Eugene Seagle, son of James P. Seagle, Dept. A12G, has returned home from the East Tennessee Baptist Hospital in Knoxville where he was recently confined by illness. . . During his long-week-end-break Paul Clevenger and his wife visited in Memphis and parts of Mississippi. . . Employees vacationing in the Guard Department are W. E. Bruce, C. E. Decker, H. J. Gregory, and N. C. Brock.

Evelyn Tucker, Dept. A12R, made a week-end trip to Birmingham, Ala., to visit with Mrs. Beatrice Smith, the former Beatrice Rasch, who is an ex Y-12er. . . Get well wishes are extended to S. J. Myers, who is ill.

Dept. H12L extends a speedy recovery wish to Jo Goodson who underwent a tonsilectomy at the Oak Ridge Hospital recently and is now recuperating at her home in Oak Ridge. . . Jean Wilson, Former Y-12er, wife of Tom Wilson of Dept. H12L, flew to Richmond, Va., to join her parents. From Richmond they motored to Syracuse, N. Y., to visit her sister, Pat Tinetti, another former Y-12 employee.

Johnny Murphy, Dept. H12E, is very proud of her new son, Michael Dennis.

Dept. A12M extends get well wishes to O. L. Keene and Pearl Patty, who are on the sick list. . . C. E. Gillihan reports a new addition to the Gillihan family, a baby boy, Jerry Charles, weighing seven pounds and four ounces, born March 3. . . G. W. Graham also has a new addition to his family, a baby girl, Rosa Lee, weighing seven pounds, born March 8.

Get well wishes are extended to J. D. Price, Dept. A23J, who is recuperating at his home in Oak Ridge after an operation at the East Tennessee Baptist Hospital in Knoxville.

W. T. Sherrod, Dept. M12P, is undoubtedly the fisherman of the season so far. While fishing in Cherokee Lake recently he caught several, shall we say, middle-size crappie, then started dragging out one and two-pound crappie as fast as he could throw in the hook until it seemed to be raining fish. . . Note: If the game warden reads this it's just another fish story.

Eunice Bogle, Dept. H12D, is back on the job after spending her vacation visiting points of interest down in Florida.

Nell Trebilcox, Dept. B12L, has as guests her mother and sister from Paducah, Ky. . . The welcome mat is out to Fran Shamblin, who is back on the job after being ill. Get well wishes are extended to Elva Joyce and Edna Rhea, who are on the sick list.

We extend deepest sympathy to Fannie and Frank North in the death of their baby daughter recently. Fannie is a former Y-12 employee.

W. J. Vann, Dept. A12S, is back on his farm near Clinton. . . Katherine Jenkins spent the past week end as the guest of Desma Hutchison, Dept. A16J, in Soddy, Tenn. . . Lucia Padgett entertained her mother from Easley, S. C., last week.

JUNIOR RED CROSS ACTIVE

Nearly \$5,500,000 worth of educational, medical, health and recreational supplies have been shipped to needy children overseas during the postwar period by the Junior American Red Cross.



Y-12 Photos By Vince Moore

MUCH OF THE SUCCESS OF THE RECENT OAK RIDGE Lions Club Minstrel Show resulted from the performances of the Y-12 employees in the cast, who are shown above. At top E. M. Williams, Elmer Olson and J. D. Hayes cheer as Bill Bonham, left in front and star dancer of the show, and Phil Reuff, right, one of the piano accompanists for Bonham, "gang up" on Interloper Gil Jamieson. Repercussions from Bill Bonham's crap-shooting dance (The Y-12 Bulletin, Tuesday, March 1) are shown in the lower picture as the missus "Willie" bounces the family rolling pin off his noggin—not for crap shooting but for losing.

Controlled Area Automobile Stickers Distributed In Y-12

(Continued From Page 1)

curity for the plant areas as well as provide a minimum of delay in transportation of employees to and from work in the controlled area.

Entrance into the controlled area after March 19 will be through six gates. These are the present Blair, Gallahar and White Wing entrances and the new gates located at Midway on the Solway Road, Kerr Hollow on Bethel Road and on the Oak Ridge Turnpike west of the city limits.

Individual badge checks at the entrances are not anticipated regularly. However, operators of personal vehicles are cautioned to reduce speed when nearing the entrances and be prepared to stop if signaled to do so. Although spot checks may be made in the interest of vital security, regulations provide for no regular individual badge checking, particularly at shift changes during peak traffic periods.

Employees losing or forgetting their badges will not be delayed at the entrances to the controlled area during shift change hours but will be permitted to proceed to the plant where they may obtain a temporary pass under current regulations. However, at other times employees without badges may be halted at the AEC entrances and required to obtain identification.

Wives Of Y-12ers Lioness Officers

A number of wives of Y-12 employees will be installed as officers of the Oak Ridge Lioness Club Monday night, March 21. The ceremonies will be held at 7 p.m. at the Oak Terrace.

Mrs. Virginia Doyle, wife of H. P. Doyle, will be the new president of the club. Other new officers include Mrs. Betty Culver, wife of Joe Culver, Dept. A13W; first vice president; Mrs. Pearl Mercner, wife of K. W. Mercner, Dept. A12A, recording secretary; Mrs. Louise Acton, wife of W. H. Acton, Superintendent of the Y-12 Maintenance Department, treasurer. Mrs. Grace Cobb, wife of William G. Cobb, Dept. H12L, was a member of the nominating committee.



Two births were reported to Y-12 families at the Oak Ridge Hospital recently. Parents were Mr. and Mrs. Charles E. Gillihan, a son, March 3; Mr. and Mrs. Roy L. Hill, a son, March 4.

Museum Of Atomic Energy Announces Hours And Prices

Visiting hours and admission prices for the American Museum of Atomic Energy, located in the old Jefferson Cafeteria in West Village, have been announced by Curator David L. DeJarnette. The museum is sponsored by the Oak Ridge Institute of Nuclear Studies and will open Saturday, March 19, with the original "Man and The Atom" show as its nucleus.

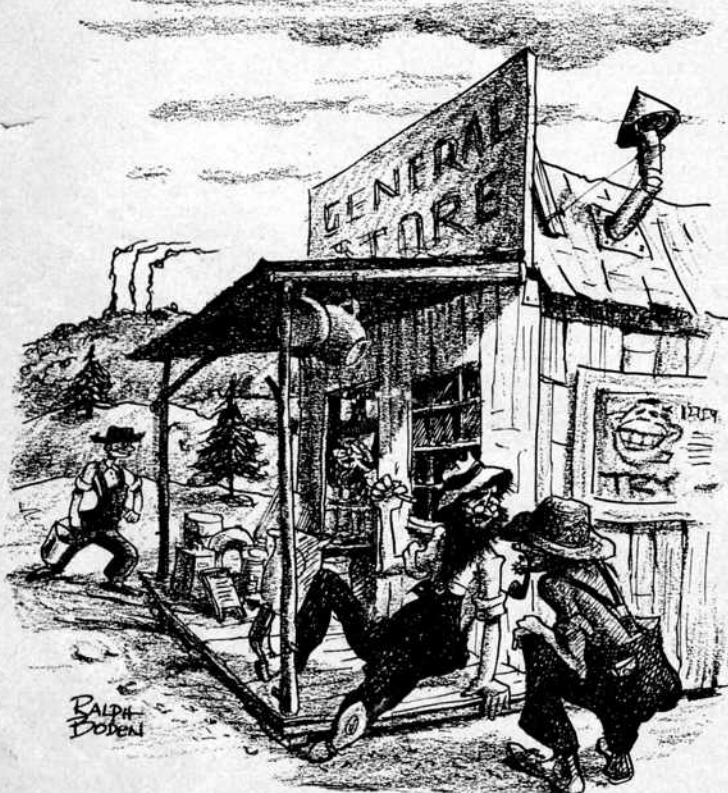
The museum will be open seven days a week. The Sunday hours will be from 12:30 p.m. to 6:30 p.m. and on other days of the week visitors will be admitted from 10:30 a.m. to 6 p.m. Admission will be 25 cents for adults and five cents for children under 12 years old. Guides will be on hand to explain the exhibits to the patrons.

Carbide Wives To Meet Wednesday

All wives of Y-12 employees are cordially invited to the monthly meeting of the Carbide Wives at 7:30 o'clock Wednesday night, March 16. The session will be held in the East Lounge of the Ridge Recreation Hall. Bridge, rummy and pinochle will be played, prizes will be awarded and refreshments served.

Mrs. B. F. Shinn is chairman of the club committee in charge of the affair. Other committee members include Mesdames Kyle Morrison, Alton Elkins, J. B. Marcum, G. W. Sommers, T. W. Morton, Mary Dietrick and C. H. McIntyre.

Ideas won't work unless you do.



Reprint by courtesy Carbide Courier
Cartoon by Ralph Boden

"See whar they'se a-goin to leave them gates ajar at Oak Ridge—let them scientists loose!"

9212 QUINT 'HOTTEST' AS CAGE MEET SIZZLES

Y-12 Finishes Sixth In Ridge Pin League

Although the Y-12 varsity pinmen scored top series score of the night of 2,635 and took two out of three games from K-25 in the final roll-off of the second half of the season in the Oak Ridge City League, they could finish no better than sixth in the official final standings. Allards won the second half of the season play with the remarkable record of 47 games won against but five lost and will meet K-25, winners of the first half of the season, for seasonal honors.

Standing Based On Pinnage

Although the official standings show Y-12 and Addressograph tied for fifth place, the final rating is figured on total pinnage for the period played when the two teams are tied in games won and lost.

Ernie Cobble took high individual honors in the roll-off, staged Monday night, March 7. He posted a single game of 221, which added to two games of 174 gave him a series of 569 to top his teammates. Other Y-12 scores include Nick Zabenco 568, Rudy Pletz 548, Nelson Tibbatts 520 and Bruce Whitaker 432.

Y-12 Scores Advance
In game scores Y-12 posted 822, 900 and 913 for a total of 2,635 while K-25 had 854, 834 and 796 for a total of 2,484.

The official standings for the second half of the season follow:

| Team | W | L | Team | W | L |
|---------------|----|----|-----------|----|----|
| Allards | 47 | 5 | K-25 | 26 | 26 |
| Marot | 31 | 21 | Monroe | 25 | 27 |
| Clinch Radio | 30 | 22 | ORNL | 22 | 30 |
| Wholesalers | 29 | 23 | S. & B. | 21 | 31 |
| Addressograph | 28 | 24 | R-A | 20 | 32 |
| Y-12 | 28 | 24 | Fairchild | 5 | 47 |

'Sharks' Of Y-12 Wallop ORNL And Climb To Tie For Cellar

The Y-12 pocket billiard team won four points from the Oak Ridge National Laboratory cuemen March 7 and managed to pull to a tie with the Labsters for cellar honors in the City League but faced a tough foe last Sunday night in the Roane-Anderson team. Following the R-A match Y-12 is scheduled to meet K-25 March 20.

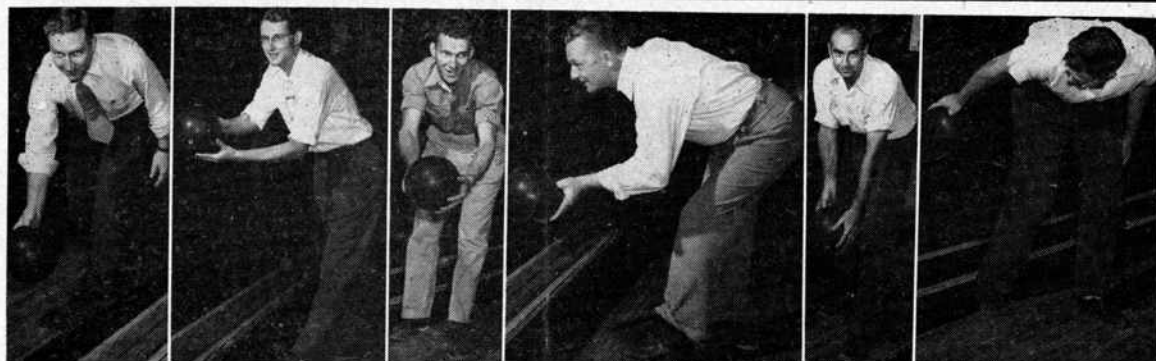
Against ORNL the Y-12 "sharks" took three games on the tables and got another decision by forfeit. ORNL turned in but one victory but yet outscoored Y-12 in total balls, 256 to 251.

Victories for Y-12 were turned in by W. B. Motley over Hunt 75-55, C. E. Harris over Snapp 75-67, C. L. Stevens over Hartman 75-59 and W. C. Walker by a forfeit. The lone ORNL triumph was by Massie over H. M. Burnett 75-26.

AID GIVEN VETERANS

Financial assistance amounting to \$5,624,000 was given veterans and their dependents last year by the American Red Cross.

SPORTS NEWS IN Y-12



ONE OF THE TOP TEAMS IN THE DEPT. H12L LEAGUE OF PLANT BOWLERS IS THE Cherry Pickers, shown in action poses above. Left to right are Joe Patton, John Sites, Tom Crabtree, J. B. Capehart, Bill Prater and Henry Gibson.

All Stars Take Lead In B Bowling Loop

After several weeks on top of the B League standings, the Rippers fell apart last Thursday night to lose four points to Maintenance and allow the All Stars to take over top spot. The new leaders advanced by winning three from the Woodpeckers.

In another clean sweep the Comets swished through the Mules. The lowly Bums bounced the Head Pins for three and the One-91 gang got a similar verdict from the Wolves. The Dept. A12M keggers obtained postponement of the clash with the Cubs and rolled Saturday to place their scores against the Bruins.

Everybody got into the individual scoring act. Gragg, Wolves, got a 212 scratch single game. Burns, All Stars, had a 540 scratch series. Handicap single score of 241 went to Ludwig, Mules, and handicap series top score was a 629 by Riddle, Maintenance.

The All Stars soared to 860 for a scratch single game and boosted it to 1,039 with handicap. The Comets had top scratch series of 2,378 and top handicap series of 2,942.

The new elevator man went to his boss and asked to have the day off to help his wife with the housecleaning.

"Jim, I am always glad to grant any reasonable request," said the boss, "but your wife has just phoned and said she would not need you."

"Mr. Jones," replied Jim, "there are two persons in this building who handle the truth loosely and I am one of them. I'm not married."

Politician: "Congratulate me dear, I got the nomination."

His wife: "Honestly?"

Politician: "Why bring that up?"

D Loop Roll-Off On Wednesday To Pick Champ

The D League of plant bowlers will wind up hostilities for the year Wednesday night, March 16, when the final roll-off to determine the season's champion will be held. The alley activities will be held at the Central Alleys.

Meeting in the roll-off will be the Termites, winners of the first round of play; Splinters, second round champions; and the Overheads, which forged in front in the third and final round.

Beta Pickups And Hi Balls Bump W League Leaders

The Beta Pick-Ups and Hi Balls got tired of being doormats in the W League last Thursday and proceeded to knock off the league-leading Dodgers and second-place Wholly Rollers respectively for two out of three games. The Controllors, which with the Betas and Balls, occupied the second division the previous week, also rose up to smite the Kemps for a pair of victories to take over third place.

Mable Tyre, of the Hi Balls, had the best single games of the night with a 175 scratch and 227 handicap. Brushwood, of the Wholly Rollers, posted high scratch series of 447 and Brundage, Pickups, got the best handicap series of 592.

Despite their defeats, the Kemps led in team records with a 559 scratch single game, scratch series of 1,548 and handicap series of 2,232. The Controllors posted a handicap single game of 802 for tops.

When a mule is kicking, he isn't pulling.

Orphans Make Spurt; Freels Has Good Night

The Orphans bowling team in the C League jumped all the way from fourth place to a tie for top honors with the Materializers in alley activities last Tuesday night as they took four straight points from the erstwhile league-leaders. The rest of the league standing remained virtually unchanged from the previous week.

Freels Posts Top Scores

Although the whitewashing handed out by the Orphans featured team play, Bili Freels, of the Thin Pins, ramblod away with all individual honors. He posted a 214 single scratch game, 555 scratch series, 243 handicap single game and 642 handicap series.

The Orphans scored a 780 single scratch game and 2,255 scratch series for tops in those brackets. The Moles got the best handicap single game with 978 and the Thin Pins tallied a 2,821 handicap series for tops.

Other Game Results Listed

In other team clashes last week the Bldg. 9206 pinmen and keggers from the Guard Department each turned in three-point victories over the Knucklebusters and Hooks, respectively. The Moles and Thin Pins broke even.

The Hooks and Guards played a tie game of 950 pins each, handicap, in their first tilt and the Hooks went on to win out in one extra frame. That was all, however, as the Guards proceeded to take charge from then on out.

LEGAL AID FOR VETS

More than 1,000,000 veterans and dependents of deceased veterans have given the American Red Cross power of attorney to represent them in the development and presentation of claims for government benefits.

Guards Start Strong; Cals Almost Ousted

Regardless of the final outcome of the current double elimination basketball tournament being staged by the plant loop quintets the news for the first three nights of the affair was the "hot" streak enjoyed by the boys down in Bldg. 9212. Finishing far back in the regular season's play, this quintet rose up on its hind legs last week to (1) knock off the season's championship Calutrons 26-23 and (2) deal a similar dose to the third place Isotopes 24-17.

Despite this torrid streak, however, it is the Guards that last Friday were the most feared quintet in the tournament. The Guards won both of their first two games in easy fashion, turning back the Rough House Five 35-18 and the Sure Shots 37-22.

The entire complexion of the tournament rested on the game last Friday night in which the Guards and Bldg. 9212 outfits met in the first real crucial scrap of the tournament. The Calutrons, bouncing back from their initial defeat, trimmed the Sure Shots, 37-12, last Thursday night and met the Isotopes, victors over the Rough House Five 35-25.

Tonight, Tuesday, March 15, will see the loser of the Guards and Bldg. 9212 engagement meet the winner of the Calutron-Isotope clash. Regardless of who plays—the game should be a thriller. What might be the climactic game of the tournament will be played Wednesday night when the winner of the Guards and Bldg. 9212 scrap will play the survivor of the lower bracket. If the lower bracket team wins a final game will be required Thursday night to determine the tournament champion.

All of these games are scheduled for 7:15 p.m. at the high school gymnasium.

Play last Thursday saw the Rough House Five and Sure Shots definitely eliminated. In passing, praise should be heaped on the Rough House Five quintet for their game showing all season. Without a single victory to their credit in the second half of the season, these lads always put up a creditable showing but just ran out of gas in the final stages of most contests as their manpower was slim.

Against the Isotopes, the Rough Housers had only five players and all went the route, none fouling out. In scoring they pulled a dilly for the scorebook that should be a poker player's hunch. Saine got three, Brown four, Peterson five, Grimes six and Foster seven points. Prater with 15 and Crabtree with 11 points paced the Isotopes.

The Cals stayed in the tournament by staging a game comeback against the Sure Shots. Calloway's 10 points led the victors and Ramsey contributed nine and Cottrell eight counters.

Calutrons Lose Early Lead

That upset of the Calutrons by Bldg. 9212 came in the opening game of the tournament and it was a case of the Bldg. 9212, quinte ganging up on the Cals' offensive stars, Ramsey and Oliphant, in the second half. The Calutrons held 16 to 10 lead at half-time but the boys from on the hill roared back in the last half to gain the victory. Elmer Johnson led the Bldg. 92 outfit with 12 points. Sherrod contributed five, Marlar three; Barker, Wright and Trebilcock each. Ramsey was checked for.

(Continued On Page 4, In-
-wage Stan-

Y-12 Bas' Lose In

Was tha' VICE VARIED

dinal bay average of more than a short and volunteer American South's workers last year carried tour home service program in Pla chapters throughout the thed States. This program pro- is counseling, emergency com- munications, assistance with appli- cation for government benefits, financial assistance under circum- stances and other services to vet- erans, their dependents and civil- ians.



FOUR MORE TEAMS OF BOWLERS IN PLANT LEAGUES are shown above. At left are Woodchoppers and Scotties of the D League. The Woodchoppers, left to right, are Harold Ratjen, Harry Hoy, Bob Quinn, Jim Owens and Ed Witt. Scotties pictured are Bill Scott, Frank Fuis, Arthur Marquardt, Elmo Koons and Gordon

Linder. Frank Gragg, member of the team, was absent when the picture was made. At right top are the Mules and Cubs, special of the B League. The Mules are Floyd Ludwig, Tommy Webb, night McLemore, Johnny Gordon and W. B. Tyree. The Cubs are W. H. Haase, Avery Kendig, Charlie Greene and C. F

Y-12 Photos By Vince Moore

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Additions To Y-12 Technical Library

MATHEMATICS

Introduction To Topology. Solomon Leisenetz. Princeton University Press, c.1949 Qa 611, L 495.

PHYSICS

The Transuranium Elements And Nuclear Energy. Glenn T. Seaborg. Nieuwland Lectures. Vol. 11. University of Notre Dame, 1947. QC 173.1, S 438.

CHEMISTRY

The Chemistry Of Free Radicals. W. A. Waters, Second edition. Oxford, Clarendon Press, 1948. QD 266, W 331.

The Development of Theoretical Electrochemistry. Raymond M. Fuoss. Sponsored by the Phi Lambda Upsilon and the Department of Chemistry, Pennsylvania State College, April 12-16, 1948. QD 553, F 982.

Quantitative Analysis. Willis Conway Pierce and Edward Lauth Haensch. Third edition. Wiley, c1948. QD 101, P 618.

Surface Active Agents. Wilmington, Del., Atlas Powder Co., c1948. QD 543, A 881.

MEDICAL PHYSICS

A Symposium On The Use Of Isotopes In Biology And Medicine. University of Wisconsin Press, c1948. QH 506, S 989.

Advances In Biological And Medical Physics. Vol. 1. John H. Lawrence and Joseph G. Hamilton, editors. Academic Press, c1948. RM 133, L 422.

SOCIAL SCIENCE

The Logic Of The Sciences And The Humanities. F.S.C. Northrop. Macmillan, c1947. B 71, N 877.

Principles and Practices of Vocational Education. Arthur B. Mays, First Edition. McGraw, c1948. HF 5381, M 474.

REFERENCE BOOKS

Chamber's Technical Dictionary. C. F. Tweeny and L. E. C. Hughes, editors. Revised edition with supplement. Macmillan, 1948. T 9, C 444.

Educational Film Guide. 1948. Dorothy E. Cook and Katherine M. Holden, compilers. Annual edition. H. W. Wilson Co., 1948. TR 887, E 25.

Funk And Wagnalls Standard Handbook Of Synonyms, Antonyms and Prepositions. James C. Fernald. Funk and Wagnalls Co., c1947. PE 1591, F 362.

Trade And Professional Associations Of The United States. C. J. Judkin. U.S. Department of Commerce, Bureau of Foreign and Domestic Commerce. USGPO, 1942. Z 1008, J 92.

NEW PAMPHLETS

Atomic Energy Development. 1947-1948. Fifth semi-annual report. United States Atomic Energy Commission. USGPO, 1949.

Atomic Energy And The United States. David Cavers, Herman Finfstein, and John H. Hogness. The University of Chicago Round Table, 1948.

Atomic Energy Glossary. Research staff of the Atomic Energy Center. 1948.

Atomic Energy Glossary. Research staff of the Atomic Energy Center. 1948.

Atomic Energy Glossary. Research staff of the Atomic Energy Center. 1948.

American Society Of Metals Will Hear Robert M. Parke

Robert M. Parke, technical advisor on the staff of the Battelle Institute, Columbus, Ohio, will address the March technical meeting of the Oak Ridge Chapter of the American Society of Metals. The meeting will be held at 8 p.m., Wednesday, March 16, in the West Lounge of the Ridge Recreation Hall. Parke will speak on the subject of "Vacuum Welding of Metals".

Parke received both his undergraduate and master's degree from the University of Michigan. He later was associated with the Climax and Molybdenum Co., Detroit, Mich., where he was director of research and contributed to the development of heat-resistant gas-turbine alloys and of erosion-resistant metals used in high-velocity guns.

Parke has been honored twice by the armed forces of the United States for his contributions in the use of metals at high temperatures. He is a member of the American Society of Metals, the American Institute of Mining and Metallurgical Engineers and the Philosophical Society, of Washington.

New Y-12 Physicist To Speak At Joint Physics Seminar

Dr. William L. Witson, who now is working with the physics division in Y-12, will speak on recent developments at the Berkeley Radiation Laboratory at Berkeley, Cal., at the regular meeting of the Joint Physics Seminar set for 4 p.m. Friday, in the East Lounge of the Ridge Recreation Hall.

Dr. Witson was connected with the Berkeley Laboratory for some time before coming to work just recently in Y-12. His address is expected to be of interest to scientists and technicians in all three Carbide installations in Oak Ridge who are members of the seminar.

Legion Sets Smoker For Commander

All American Legionnaires in Y-12 have been urged to attend the stag smoker to be given Saturday afternoon, March 19, by Atomic City Post, No. 199, American Legion, in honor of National Commander Perry Brown, of Texas. The smoker will be given at the Jefferson Recreation Hall, according to C.E. Boone, commander of the post, from 4:30 p.m. to 6:30 p.m. Commander Brown will be here for the celebration of making Oak Ridge an open city. Among other prominent Legionnaires planning to attend the celebration is Department Commander George T. Lewis, Jr., of Memphis.

Field Maintenance Regains First Place

Dept. A20N, Field Maintenance, regained top spot in the plant attendance standings for the week ending March 6 by leading the Major League with an absentee record of only .3 per cent. The department had been in second place for the week ending February 27 after leading for the period ending February 20.

Process Development Takes Second

Dept. H12E, Process Development, rose from seventh place to take second place with an absentee record of .71 per cent. Dept. A12N, Electrical Repair and Maintenance, dropped from first place held for the week ending February 27 to third with a mark of .73 per cent.

In the Minor League only four departments reported perfect attendance for the week ending March 6 as against seven the previous week. Among these four two were repeaters. They were Dept. B12A, Superintendents; and Dept. A12D, Medical. Newcomers to the "all present" group were Dept. A12N, General Maintenance Office, Planning and Estimating; and Dept. A12T, Automotive Repair Shop. They were in third and fifth places the preceding week.

Firemen Drop To Second

Second place in the Minor League went to the firemen in Dept. A14J, with an absentee mark of .4 per cent. Third place was held by Dept. M15P, Chemical, with a record of .5 per cent. The Fire Department was one of the leaders the preceding week while Dept. M15P rose from seventh place.

The plant absentee record as a whole for the week ending March 6 was 2.7 per cent, the same as the previous week.

The Y-12 absentee record for the week ending March 6, by departments, follows:

MAJOR LEAGUE

| More than 50 Employees Scheduled | | Standing | |
|----------------------------------|-------------------|----------|---------|
| Dept. | Percentage Absent | 3-6-49 | 2-27-49 |
| A20N | 0.3 | 1 | 2 |
| H12E | 0.71 | 2 | 7 |
| A14N | 0.73 | 3 | 1 |
| M12P | 1.3 | 4 | 4 |
| A12S | 1.8 | 5 | 3 |
| A16N | 1.9 | 6 | 4 |
| H12L | 2.3 | 7 | 5 |
| B12L | 3.2 | 8 | 11 |
| A12G | 4.0 | 9 | 6 |
| A17N | 4.2 | 10 | 12 |
| B13L | 4.5 | 11 | 10 |
| H12D | 4.7 | 12 | 9 |

MINOR LEAGUE

| 15-49 Employees Scheduled | | Standing | |
|---------------------------|-------------------|----------|---------|
| Dept. | Percentage Absent | 3-6-49 | 2-27-49 |
| B12A | 0.0 | 1 | 1 |
| A12D | 0.0 | 1 | 1 |
| A12N | 0.0 | 1 | 3 |
| A12T | 0.0 | 1 | 5 |
| A14J | 0.4 | 2 | 1 |
| M15P | 0.5 | 3 | 7 |
| A13T | 0.6 | 4 | 1 |
| A12R | 0.8 | 5 | 4 |
| M12S | 2.5 | 6 | 8 |
| A12W | 2.8 | 7 | 6 |
| A19N | 3.75 | 8 | 1 |
| M12M | 3.80 | 9 | 2 |
| A12A | 5.7 | 10 | 9 |
| A13W | 5.9 | 11 | 10 |
| A12M | 7.1 | 12 | — |
| A13N | 7.3 | 13 | — |

The plant average for the week ending March 6 was 2.7 per cent, remaining the same as the preceding week.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Joel S. Dunlap, Dept. A17N; Oliver L. Keene, Dept. A12M; Clayton A. Bolinger, Dept. H12L; Simon J. Myers, Dept. A12R; Lena L. Newsome, Dept. M12P; Jo Goodson, Dept. H12L.

AIT Will Eliminate Three Express Bus Routes To Y-12; Other Service Still Is Available

It had been several days since the red and silver buses of AIT had been sliding into the Y-12 portal spaces assigned to them but a reminder that they would roll again was received here last week in the form of a notice that AIT has decided to eliminate three express runs that previously had been in service.

The runs to be eliminated, effective March 15, were the routes Arkansas Cafe to Y-12 via Louisiana Ave., Arkansas Cafe to Y-12 via East Drive and from

Louisiana Ave. via Outer Drive to Y-12. Lack of patronage was given as reason for suspending the service.

Y-12 employees riding buses in the future from the east and west sections of Oak Ridge must take local buses to either Jefferson or Central Terminals and then ride work buses from those terminals to Y-12.

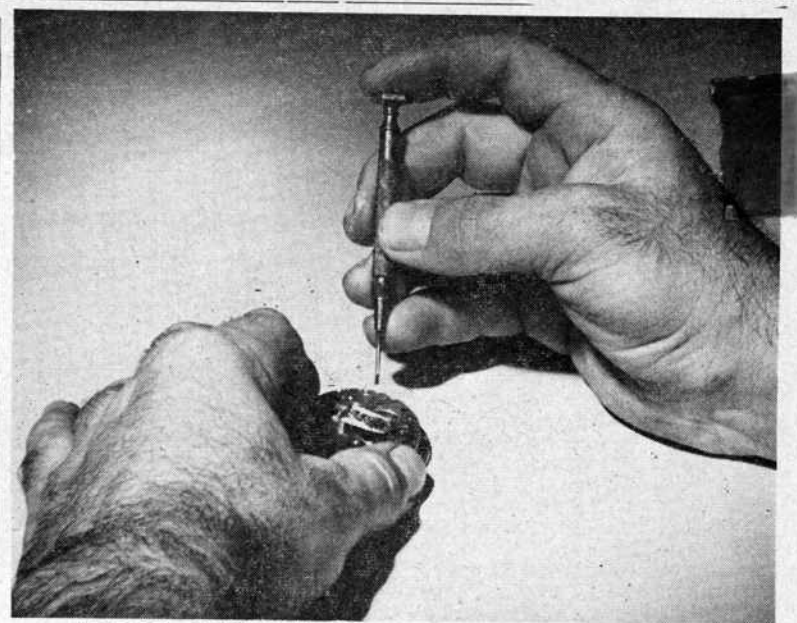
Work buses are scheduled to leave from Central Terminal for Y-12 at 6:15 a.m., 6:35 a.m., 7 a.m., 7:15 a.m., 7:25 a.m., 7:35 a.m., 2:15 p.m., 2:25 p.m., 2:35 p.m.,

10:15 p.m. In addition regular buses leave hourly on the hour from 8 a.m. to 11 p.m.

From Jefferson Terminal buses are scheduled to leave for Y-12 at 6 a.m., 6:20 a.m., 6:35 a.m., 7:05 a.m., 7:15 a.m., 7:25 a.m., 2:20 p.m. and 10:15 p.m.

Leaving Y-12 for Central Terminal buses are scheduled to leave at 7:15 a.m., 3:15 p.m., 4:35 p.m., 4:40 p.m., 4:45 p.m. and 11:15 p.m.

Work buses are scheduled to leave Y-12 for Jefferson Terminal at 7:15 a.m., 3:15 p.m., 4:40 p.m. and 4:45 p.m.



"MINOR REPAIRS" IS THE TITLE OF THIS PRIZE winning picture by Nat Stetson in the Carbide Camera Club contest last week. The picture was taken with a Kodak Reflex camera on Plus X film exposed at f8 at 1/50th of a second using one spot light. The print is on Kodabromide paper developed in Dektol. The hands belong to J. H. Copp, of Y-12, and are shown repairing a watch.

Stetson Again Takes Top Prize With Picture

Nat Stetson, Dept. H12E, vice president of the Carbide Camera Club, won first honors in the monthly print contest staged by the club for the second straight time last Tuesday night. The subject matter of the prints was hands and Stetson submitted a strong picture of the hands of a watch repairman.

Don Ross, also of Y-12, took both second and third place in the contest. First honorable mention went to Stetson and second to John Ramsey, another Y-12 employee.

Robin Thompson, former Y-12 employee who presented a talk on portrait photography technique last month and who was scheduled to return to the club meeting last week, was unable to attend. However, he will be present at the April 12 meeting of the club and will act as judge of the print contest scheduled for that date. The subject of the April photographic contest will be portraits.

In the absence of Thompson, Arthur L. Davis, former TVA patent attorney and amateur photographer, judged the prints on hands and spoke on the technique of mounting pictures and also on how photographic contests are judged.

9212 Quinted Is Hottest As Cage Tourney Sizzles

(Continued From Page 3)

eight points while Bill Cottrell got seven. In the second game of the opening night's festivities, the Rough House Five gamely made a battle of it for the first half but ran out of gas in the second period against the Guards. The Guards held a 12 to 9 advantage at half time but drew away steadily in the final period. Cantrell led the Guards with 11 points in this one, with Davis and Blankenship close behind with eight and seven. Saine garnered eight points for the losers.

The Bldg. 9212ers kept up their rampage in their second appear-

Records Fall As Y-12 Lassies Larrup ORNL

Humpty-Dumpty's fall was but a minor stumble compared to the records that dove from their pedestals last Thursday night when the Y-12 keglerettes trounced the Oak Ridge National Laboratory lassies in an Oak Ridge City League tussle.

The Y-12 girls scored the high series score of the season in posting their triumph with 2,302 pins to their credit. In taking two of three games, Y-12 had to overcome another season's record, this one for a single game of 821, by the Lab lassies. Y-12 game scores were 727, 798 and 777 to 693, 821 and 742 for the ORNL team, whose total was 2,256. Inez Reece posted a fine 490 to lead the Y-12ers, followed by Margaret O'Neal 476, Olyne Poindexter 460, Nancy Doane 422 and Evelyn Jago 419.

League standing follows:

| Team | W | L | Team | W | L |
|---------------|----|----|--------------|----|----|
| Tulip Town | 53 | 22 | Muney Market | 38 | 37 |
| Norris C'mery | 44 | 31 | Marot | 37 | 38 |
| K-25 | 44 | 31 | R-A | 32 | 43 |
| Y-12 | 43 | 32 | Fairchild | 28 | 47 |
| ORNL | 42 | 33 | Merchants | 26 | 49 |
| Knox B'print | 38 | 37 | Sure Shots | 25 | 50 |

Standings In Plant Bowling League

| B LEAGUE | | W L | |
|-------------|-------|-------------|-------|
| Team | W L | Team | W L |
| All Stars | 32 16 | Guards Pins | 25 23 |
| Rippers | 31 17 | Comets | 20 28 |
| One-91 | 31 17 | Moles | 20 28 |
| Woodpeckers | 28 20 | Bums | 19 29 |
| Maintenance | 27 21 | Cubs | 15 29 |
| Wolves | 26 22 | Dept. A12M | 10 34 |

Note: Cubs, Dept. A12M standings as of preceding week.

| C LEAGUE | | W L | |
|---------------|-------|------------|-------|
| Team | W L | Team | W L |
| Orphans | 31 21 | Guards | 28 24 |
| Materializers | 31 21 | Moles | 26 26 |
| Thin Pins | 29 23 | Bldg. 9206 | 21 31 |
| Hooks | 28 24 | K'busters | 15 37 |

| W LEAGUE | | W L | |
|----------------|-------|---------------|-------|
| Team | W L | Team | W L |
| Dodgers | 17 7 | Kemps | 12 12 |
| Wholly Rollers | 13 11 | Beta Pick-Ups | 10 14 |
| Controllers | 12 12 | Hi Balls | 8 16 |

ance against the Isotopes. Holding a bare 13 to 11 half-time margin the victors played 'em close to the chest in the last half by holding the opposition to six points. Sherrod led the Bldg. 9212 outfit this time with eight points and Johnson and Trebilcox got five each. Love kept the Isotopes in the game with nine points.

In their second victory of the tournament the Guards had an easy time against the Sure Shots, rolling up a 24 to 9 half-time edge and then coasting. Shoemaker was the shotmaker for the Guards with 19 points. Hugh Rice kept plugging away and bagged eight points for the Sure Shots.

RADIO NETWORK FORMED

A new coast-to-coast American Red Cross network has been provided to relay vital messages to and from a disaster scene anywhere in the country.

"See whar they'se a-goin to leave see Ave., Arkansas Cafe to Ridge—let them scientists loose!"